

Sheet 1 of 36 45389.00011.CIP1 WIDEBAND ACCESS INC. Atty. Noel C. Gillespie (858) 720-2500



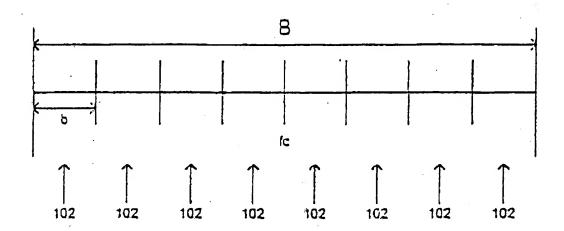


Figure 1

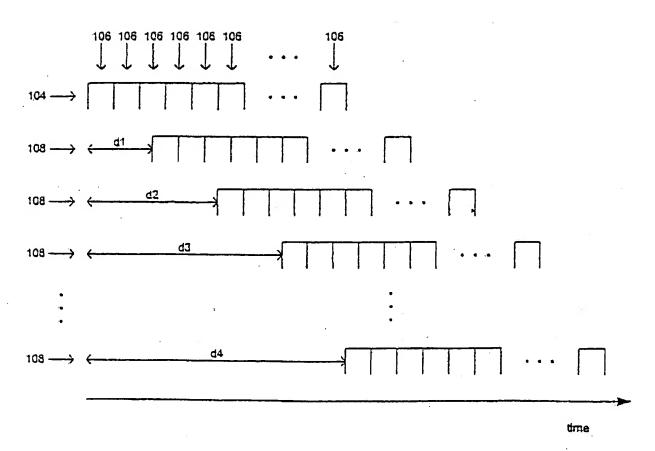


Figure 2

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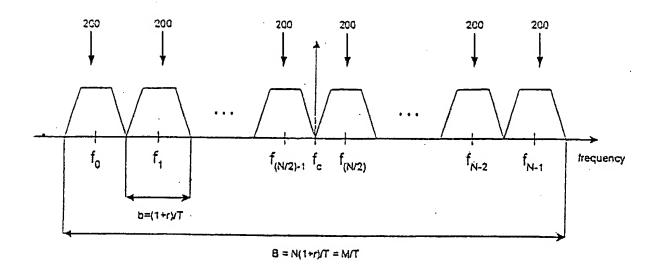


Figure 3

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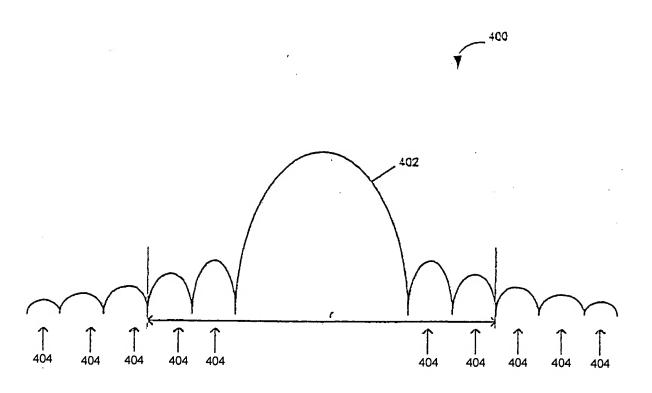
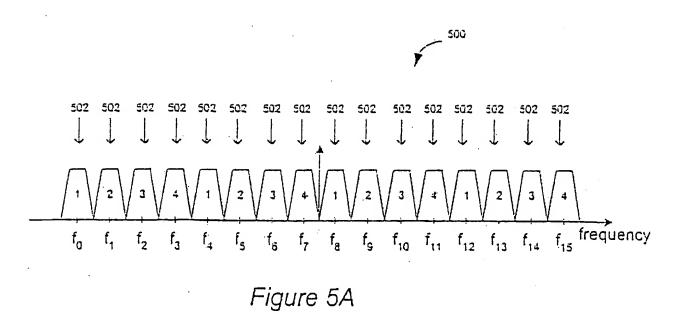
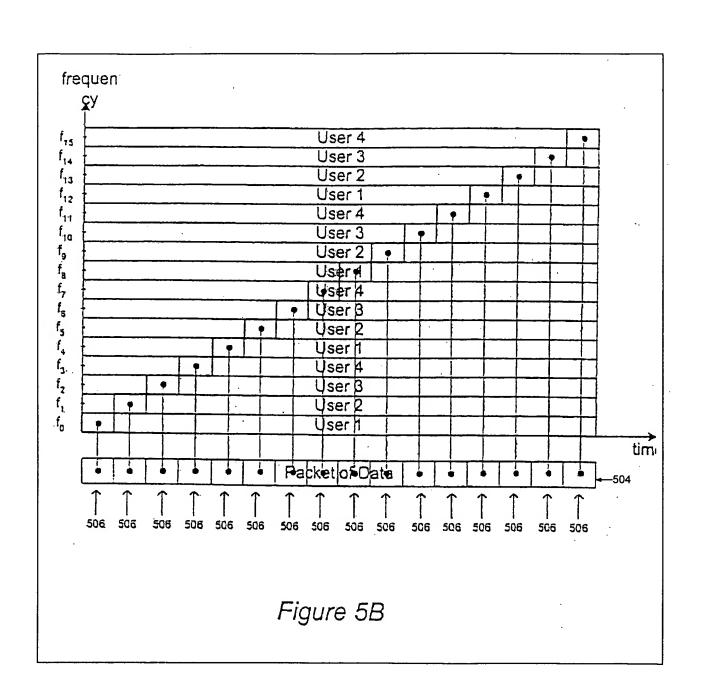


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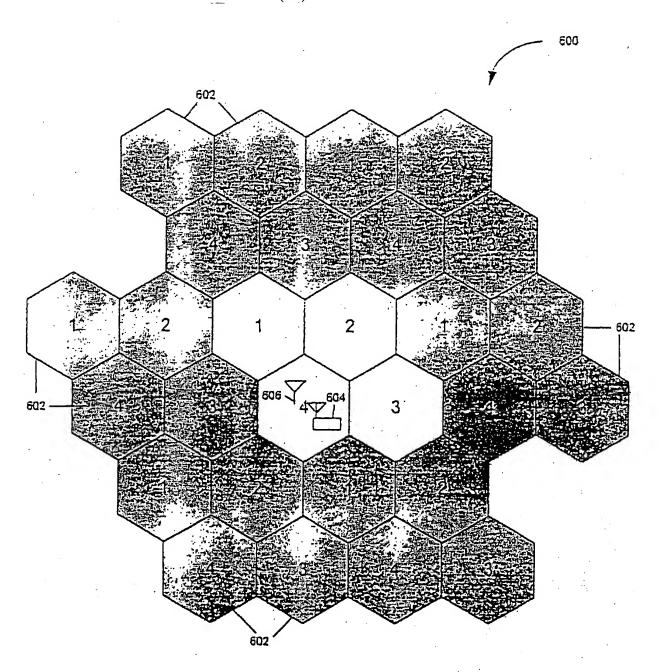


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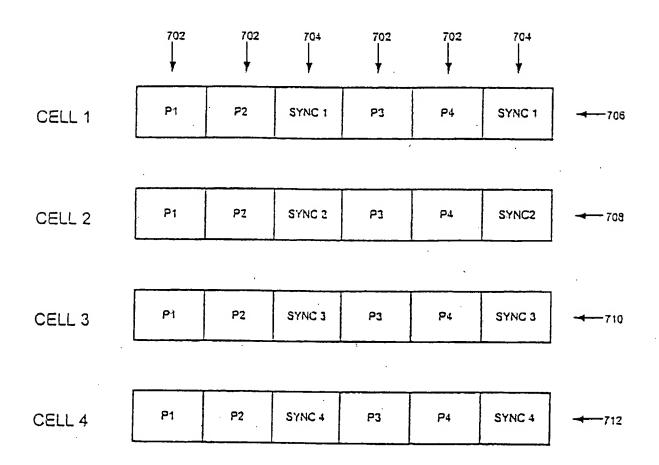


Figure 7

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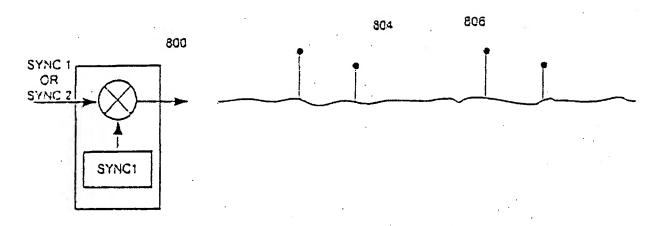
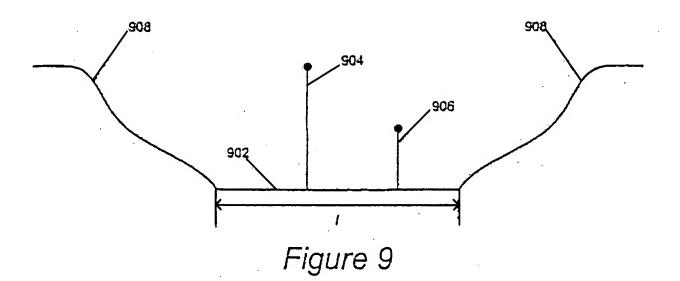


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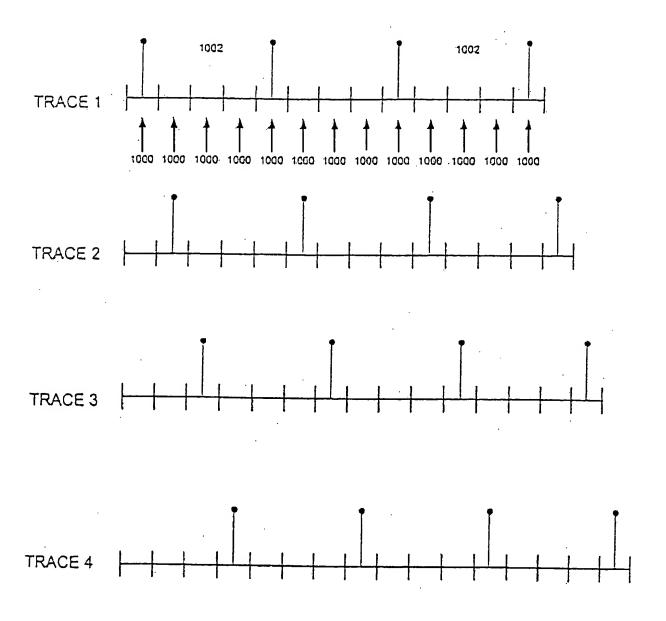


Figure 10

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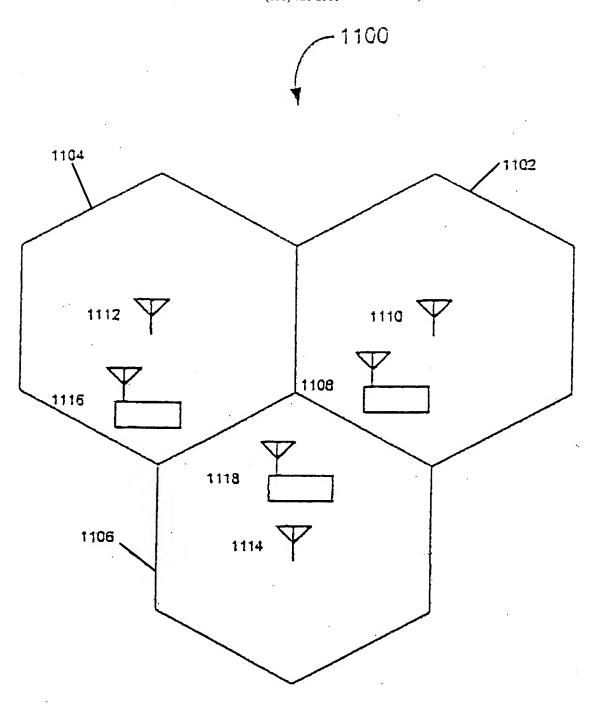


Figure 11

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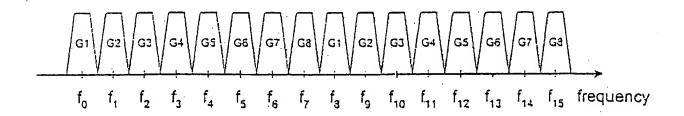


Figure 12A

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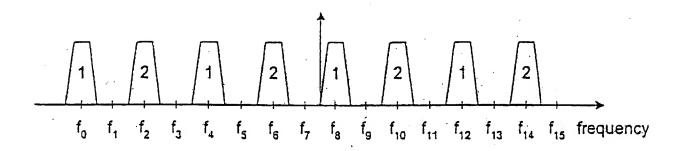


Figure 12B

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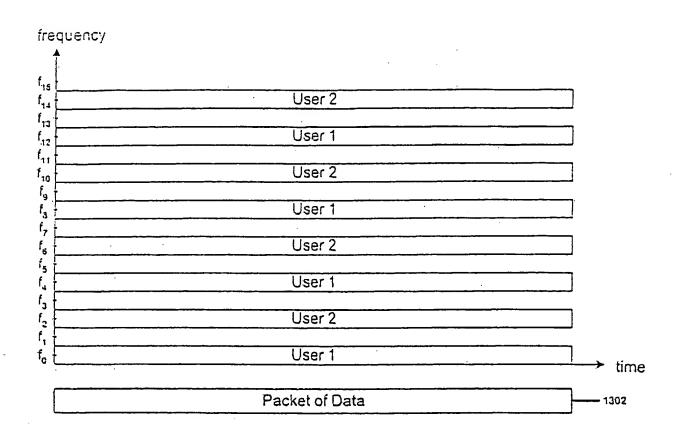
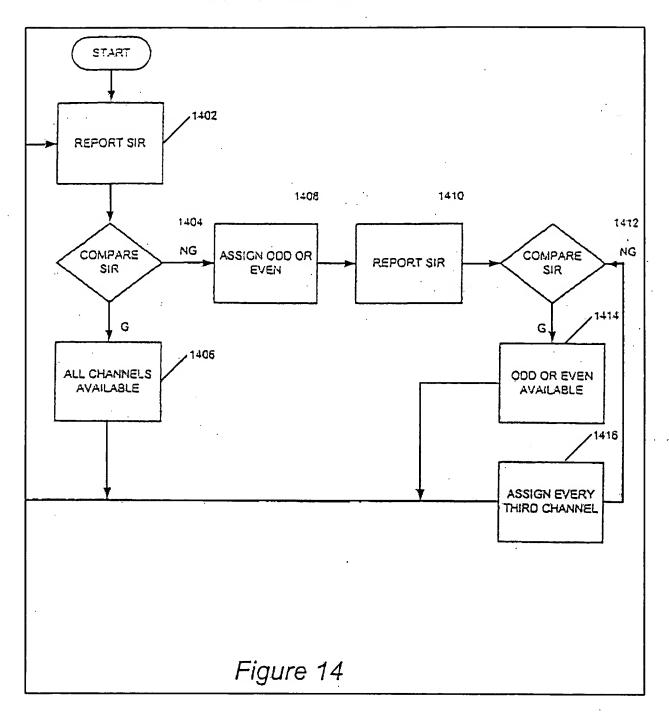


Figure 13

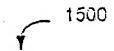
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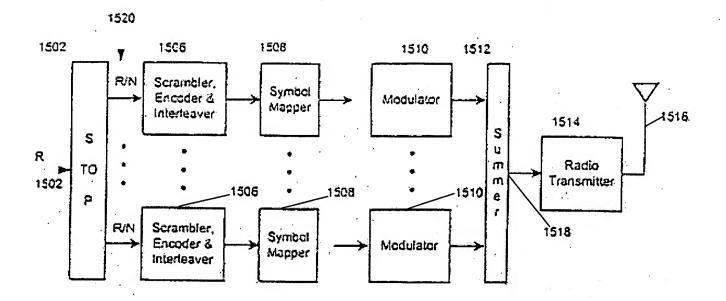
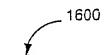


Figure 15

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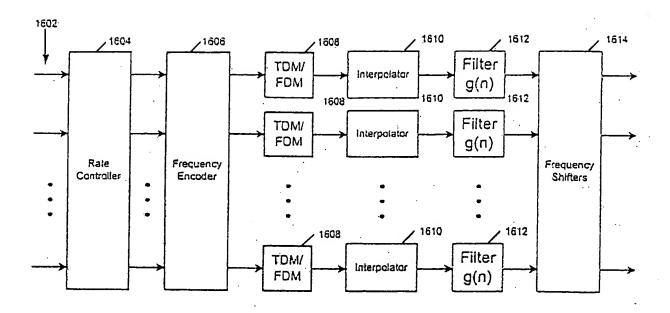
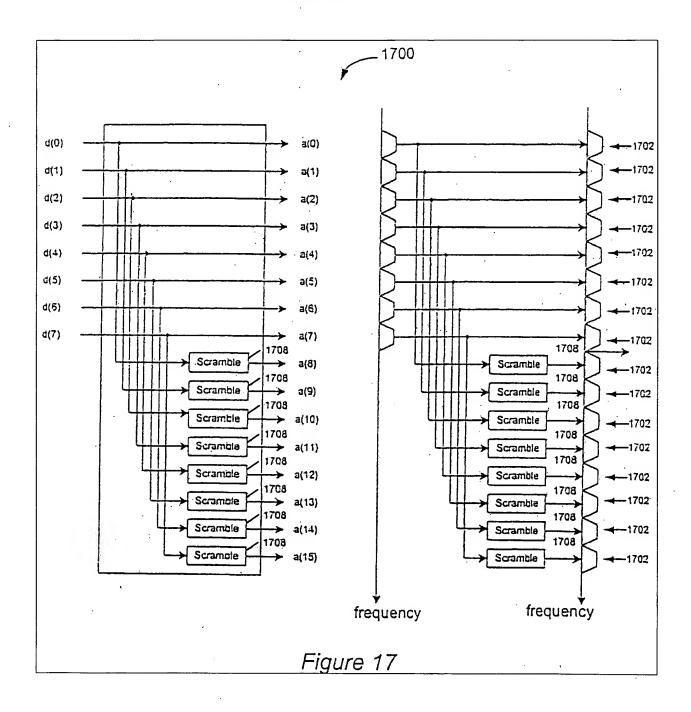


Figure 16

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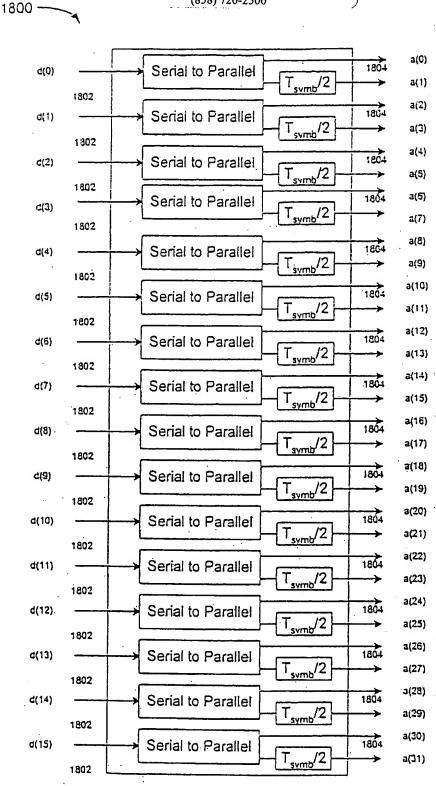
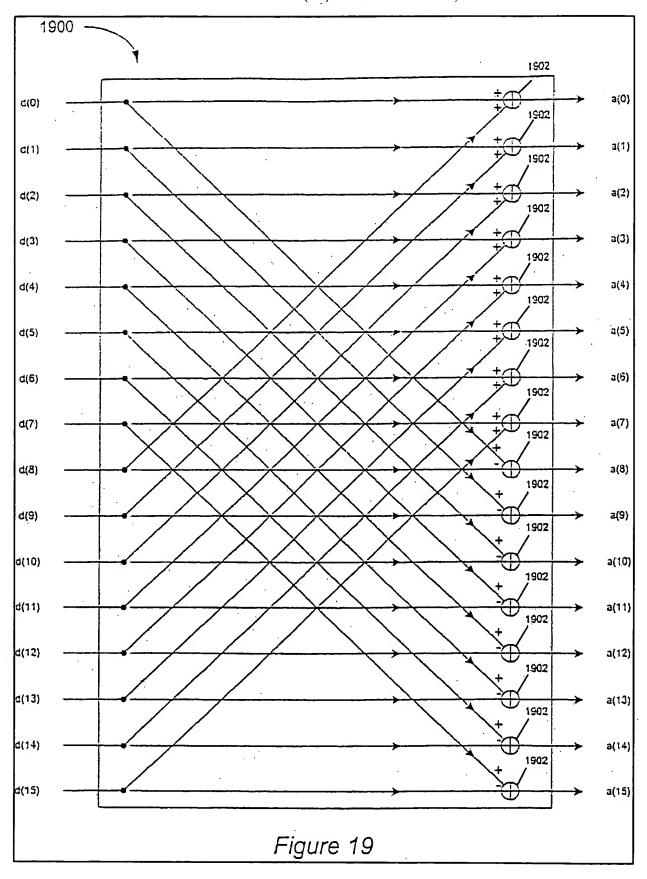


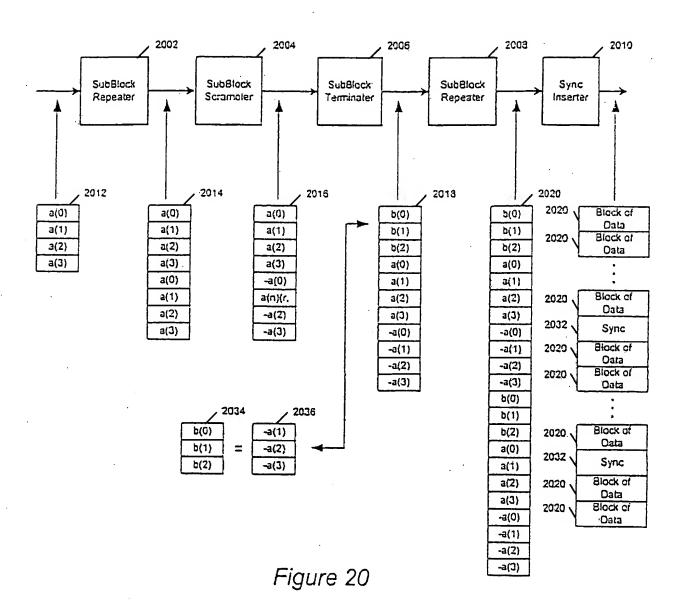
Figure 18

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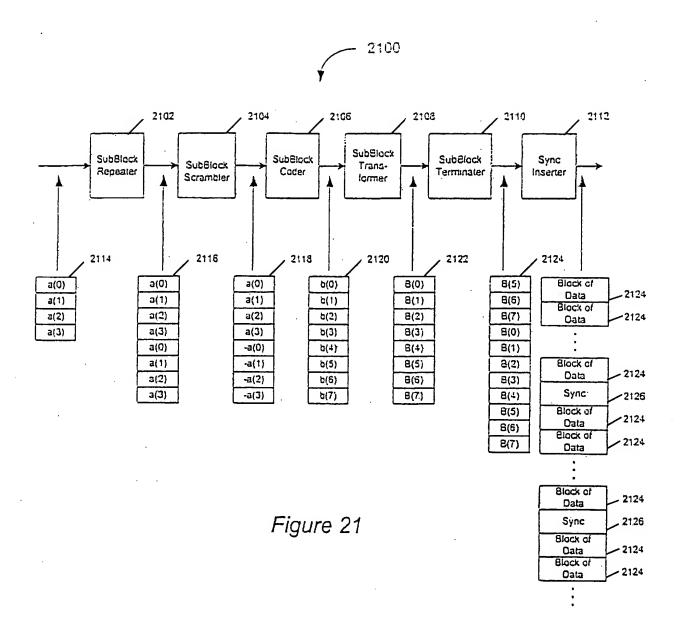


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Sheet 24 of 36 45389.00011.CIP1 WIDEBAND ACCESS INC. Atty. Noel C. Gillespie (858) 720-2500 2200  $\exp(j2\pi f_0 nT/$ rM) 2202  $\exp(j2\pi f_1 nT/$ rM) 2202 Frequency Shifters  $\exp(j2\pi f_{N-1}nT/rM)$ 2202

Figure 22

Sheet 25 of 36 45389.00011.CIP1 WIDEBAND ACCESS INC. Atty. Noel C. Gillespie (858) 720-2500

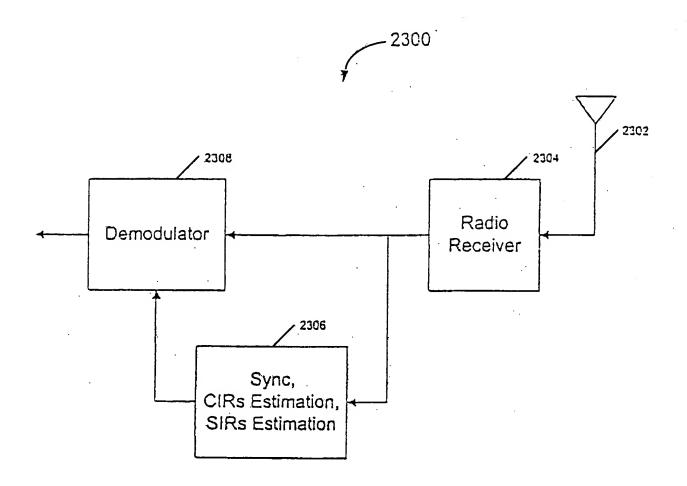


Figure 23

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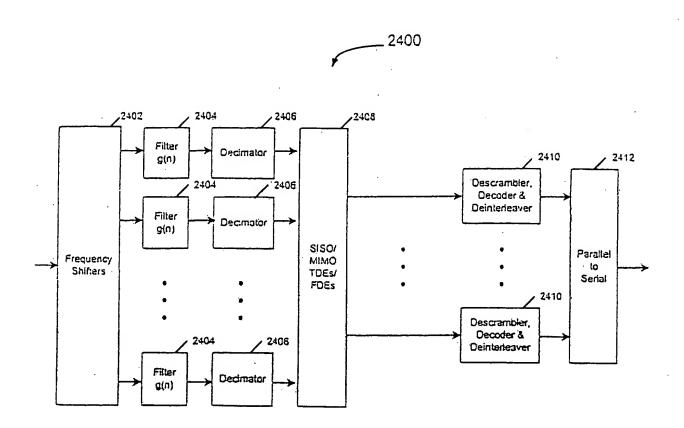


Figure 24

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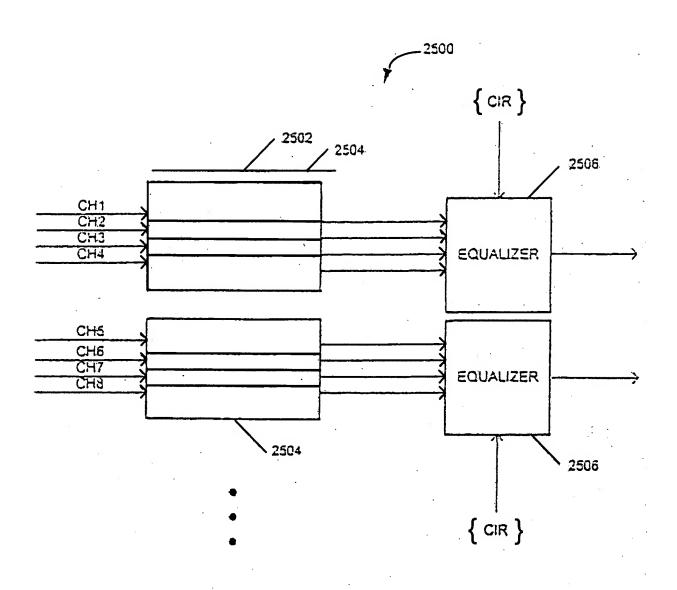


Figure 25

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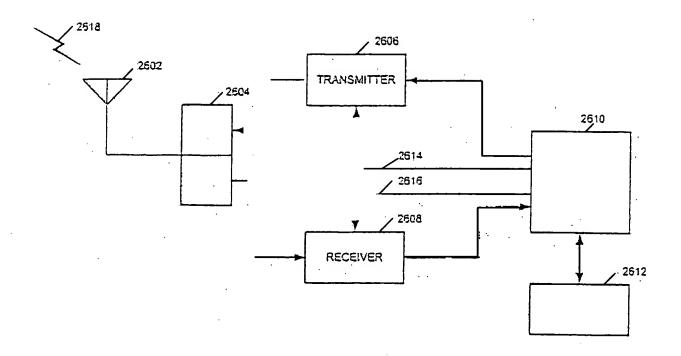
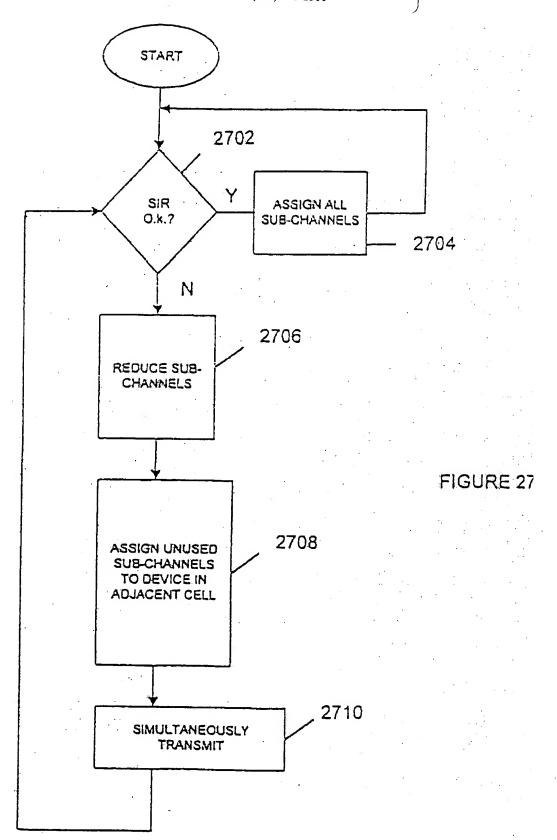


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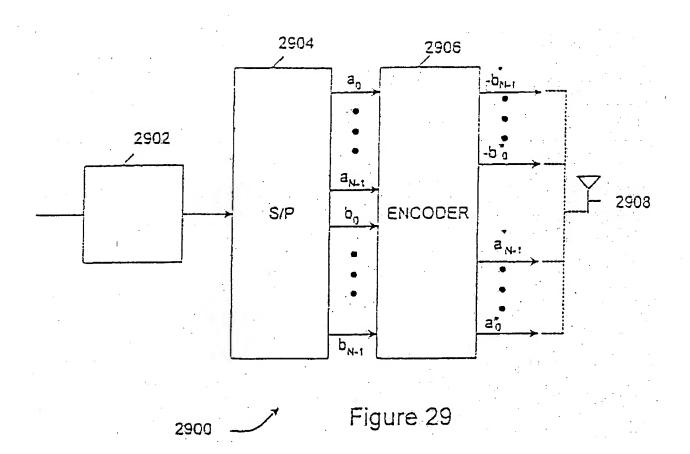


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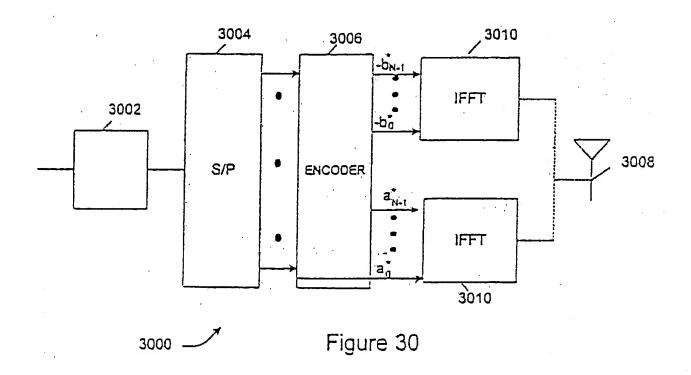
Figure 28

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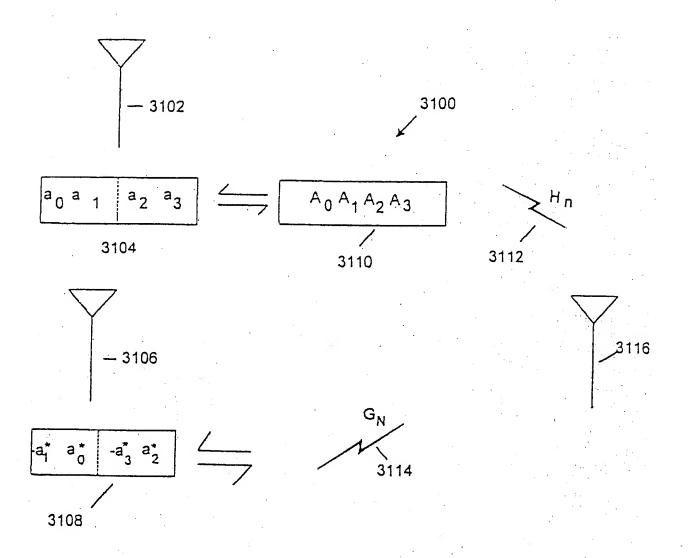


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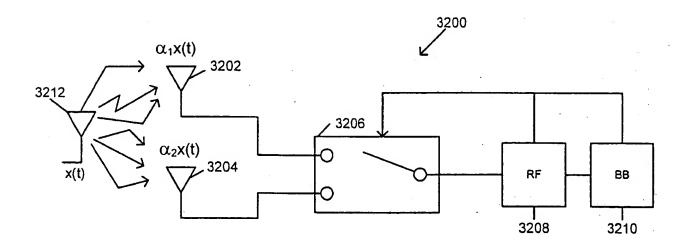


Fig. 32

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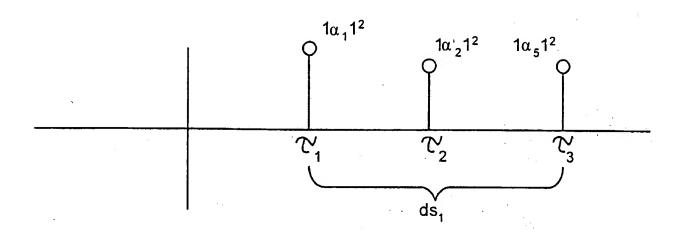


Fig. 33

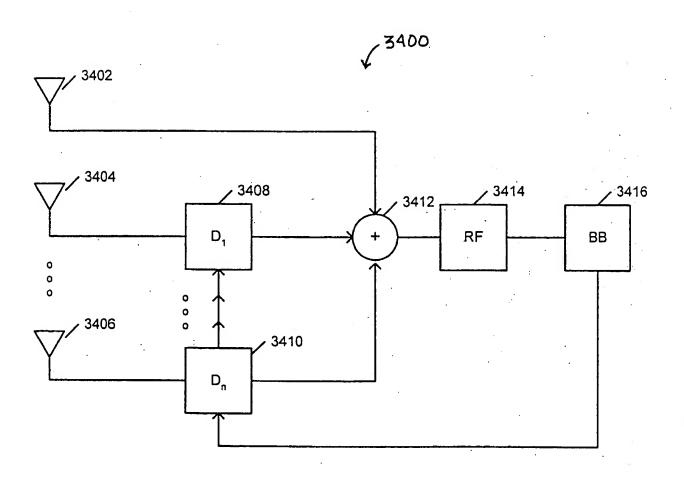


Fig. 34